

CLAIMS

1. A web server having anti-virus protection, comprising:
 - an active element filter for stripping active elements from web pages being stored at the web server; and
 - an active element insertion system for inserting active elements into stored web pages when the web page is requested.
2. The web server of claim 1, wherein the active elements comprise constructs selected from the group consisting of: JavaScript and VBScript.
3. The web server of claim 1, wherein the active elements comprise calls to active processes.
4. The web server of claim 1, wherein the active element insertion system generates active elements for requested web pages using constructs stored in compiled code of the web server.
5. The web server of claim 1, wherein the active element insertion system includes a set of files stored with the web server, wherein each file includes an active element that can be inserted into a requested web page.

6. The web server of claim 1, wherein the active element insertion system determines what active elements are required in a requested web page based on attributes of the web page.

7. A method for providing anti-virus protection to a web server, comprising:

receiving web pages that are to be stored at the web server;

stripping active elements from the web pages being stored at the web server;

storing the web pages at the web server;

receiving a request for a web page to be served by the web server;

determining if active elements are required for the requested web page;

inserting active elements into the requested web page if active elements are required; and

serving the requested web page.

8. The method of claim 7, wherein the active elements include constructs selected from the group consisting of: JavaScript and VBScript.

9. The method of claim 7, wherein the step of inserting active elements includes the step of executing compiled code having active element constructs and rules for inserting the constructs into a web page.

10. The method of claim 7, wherein the step of inserting active elements includes the step of accessing a file having a required active element.

11. The method of claim 7, wherein the step of inserting active elements includes the step of determining what active elements are required in a requested web page based on attributes of the web page.

12. A program product stored on recordable medium for providing anti-virus protection to a server, comprising:

means for stripping active elements from files being stored at the server;

means for determining if active elements are required for a file being requested from the server; and

means for inserting an active element into the requested file if an active element is required.

13. The program product of claim 12, wherein the files comprise web pages.

14. The program product of claim 13, wherein the active elements comprise constructs selected from the group consisting of JavaScript and VBScript.

15. The program product of claim 14, wherein the means for inserting includes executing compiled code having:

active element constructs; and

rules for inserting the constructs into a requested web page.

16. The program product of claim 15, wherein the means for inserting determines what active elements are required in the requested web page based on attributes of the requested web page.

17. The program product of claim 14, wherein the means for inserting includes a set of files stored with the web server, wherein each file includes an active element that can be inserted into a requested web page.